



FAA-E-2610
AMENDMENT -1
April 6, 1976

DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION SPECIFICATION

TWO-BOX/FOUR-BOX VISUAL APPROACH SLOPE INDICATOR SYSTEM

This amendment forms a part of FAA-E-2610, dated November 15, 1974.

Page 2, paragraph 2.2.1: Add the following:

"QQ-A-225 Aluminum and Aluminum Alloy
Bar, Rod, Wire or Special
Shapes; Rolled, Drawn, or
cold finished."

Page 5, Paragraph 3.4.1: In the first sentence add : " prefocused" after the word "Par-64."

Page 7, Paragraph 3.4.14: Delete paragraph 3.4.14 entirely and substitute the following:

"3.4.14 lamp and out features,- Circuitry shall be provided in the lamp housing to automatically switch the load of a burned out lamp to a load resistor to insure continued operation of the remaining lamps when connected in series. The automatic switching device shall be reusable and not require replacement after each operation of the device."

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Page 8, Par. 3.5.2: At the end of sentence 5 add the following:

"with a metal base meeting paragraph 3.7.1."

Page 9, Par.3.6.1: Add to the end of this paragraph:

"The attachment of the power and control assembly to the lamps housing units shall be accomplished without the need of field drilling or welding. Mounting of the power and control assembly shall be by external brackets welded to the cabinet."

Page 9, Par. 3.6.2: Add to the end of this paragraph:

"Each power and control assembly shall be capable of on-off and intensity controlled remotely. Also, each power and control assembly photoelectric device shall be capable of controlling through provided terminals another similar power and control assembly remoted 1000 feet. The external control signals shall be 120V, 60 hertz."

Page 10, Par. 3.6.3: Add to end of this paragraph:

"All surfaces of the control cabinet shall intersect at 90 degrees."

Page 10, Paragraph 3.6.4.2: Delete entire paragraph 3.6.4.2 and substitute:

"3.6.4.2 Circuit breaker.- A properly rated two pole, molded case, magnetic-hydraulic trip-free circuit breaker shall be provided as a main circuit breaker and power switch. The circuit breaker shall have an arcquenching chamber and shall have a 1000 amp interrupt capacity at 250V, 60 Hz."

Page 11, Par. 3.6.4.6: Delete the second sentence and substitute:

"All operating components shall be mounted on printed wiring boards mounted within the cabinet."

Page 11, Par. 3.6.4.9: Delete the forth sentence and substitute:

"The meter scale shall be 90 degree with 0.1 ampere markings and reflective mirror."

Page 12, Par. 3.6.6: Add to the end of this paragaph,

"Extender boards shall be provided when plug in wiring boards (3.7.8) are used in the equipment. Also one replacement wiring board for each type wiring board with all components installed shall be supplied with each power and control assembly."

Page 12, Par. 3.7.2: After "specifications" add "QQ-A-225."

Page 13, Par. 3.7.7: Add to the end of this paragraph,

"The 80% derated calculations and support data shall be submitted in writing prior to acceptance of final testing of the Production Model (4.4.1)."

Page 18, Par. 4.5.10: Add to the end of this paragraph:

"The output current shall be \pm 2% of the nominal 6.6 or 4.5 amperes for the high and low intensity setting, respectively."

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